

Simulation of Vertical Plume Migration, LLNL site

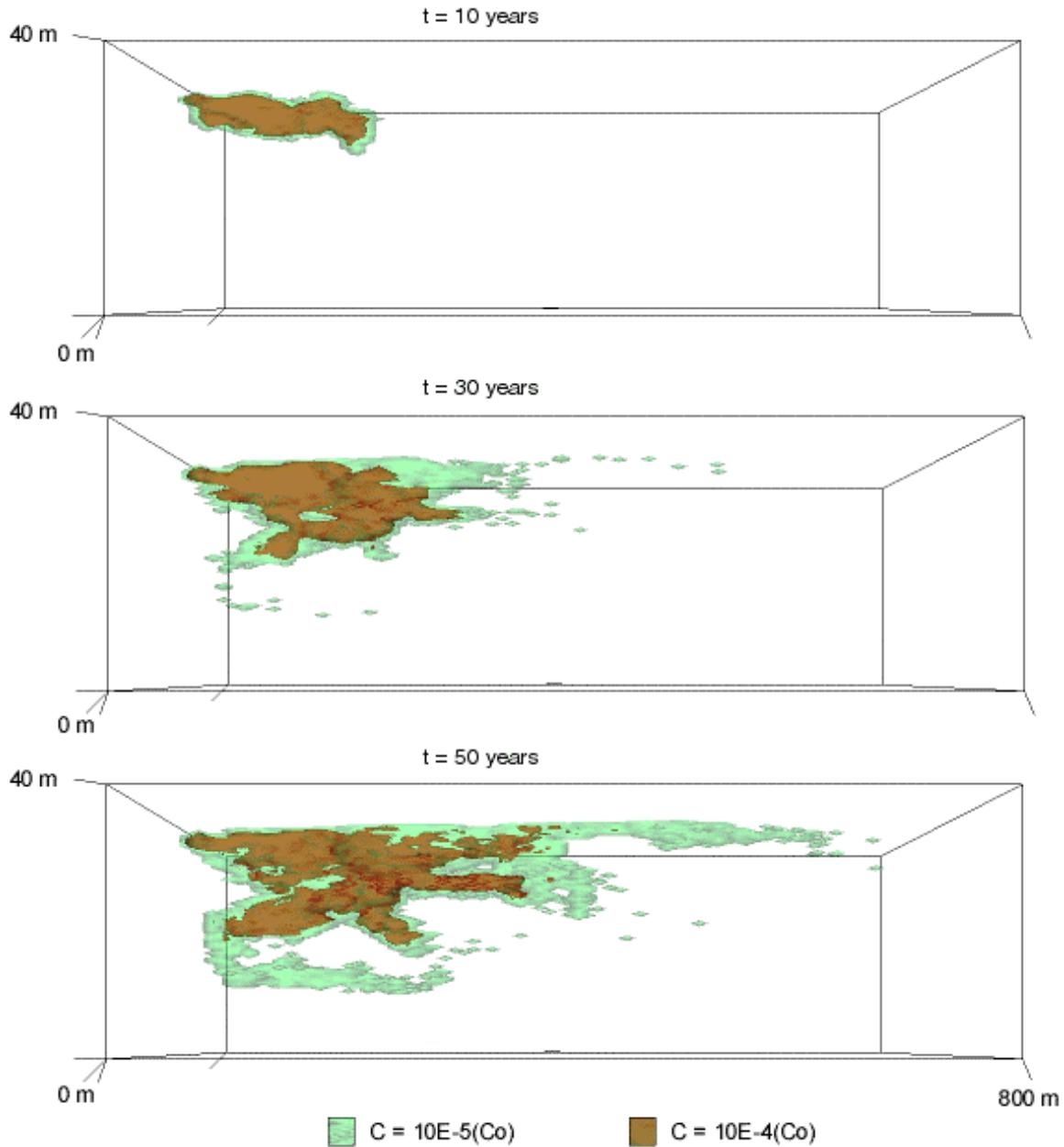


Figure 12. 3-D simulated MTBE plume snap shots at (top to bottom) 10, 30, and 50 yr. Total thickness of the box is 40.5 m, and total length is 810 m. Regional flow is left to right. Screened interval of the pumping well is located in the center of the domain at a depth of 20 m.

Analytical Analysis of Future Risks of PWS Impacts

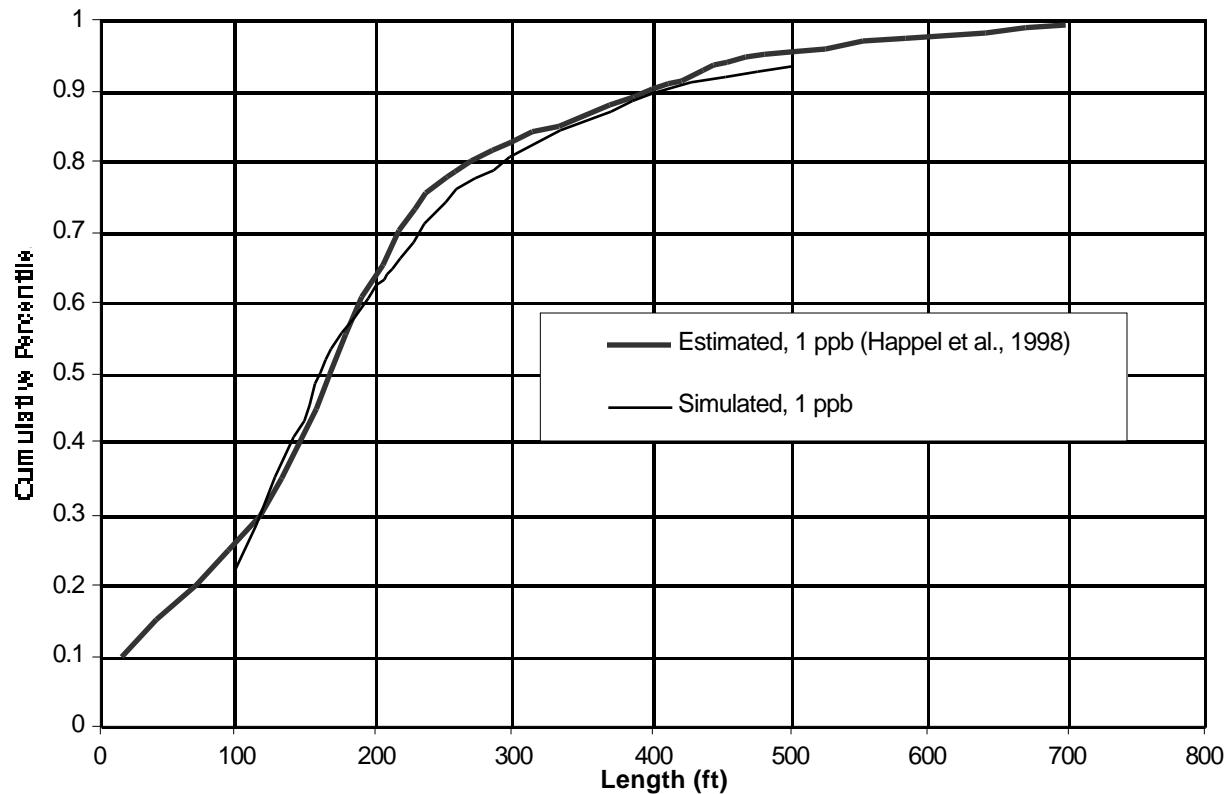


Figure 9. Estimated (Happel et al., 1998) and simulated benzene plume lengths, 1995-96.

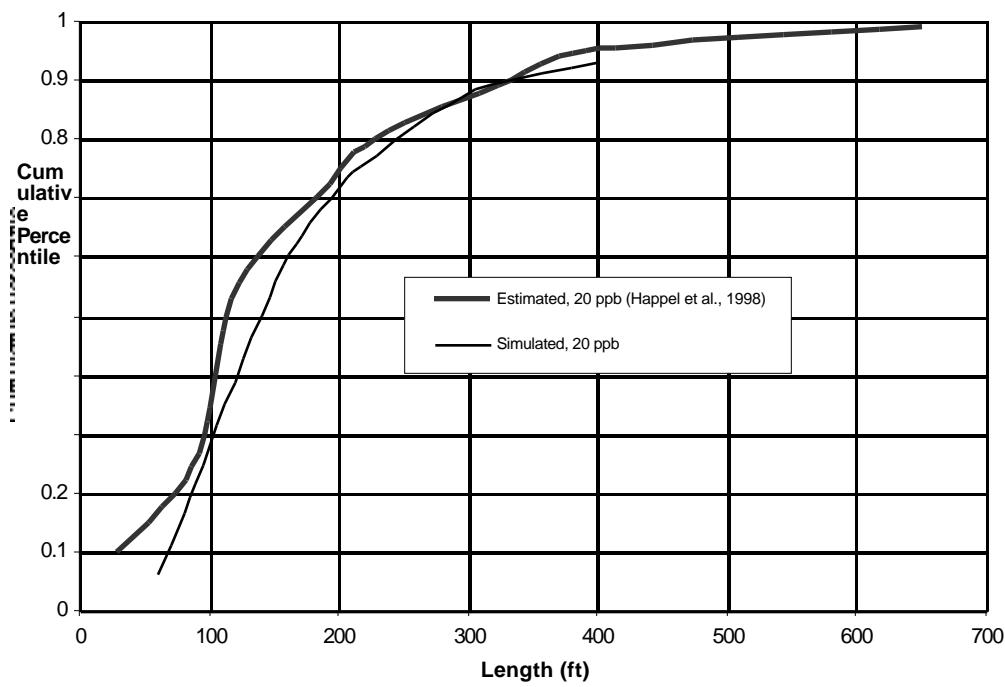


Figure 10. Estimated (Happel et al., 1998) and simulated MTBE plume lengths, 1995-96.

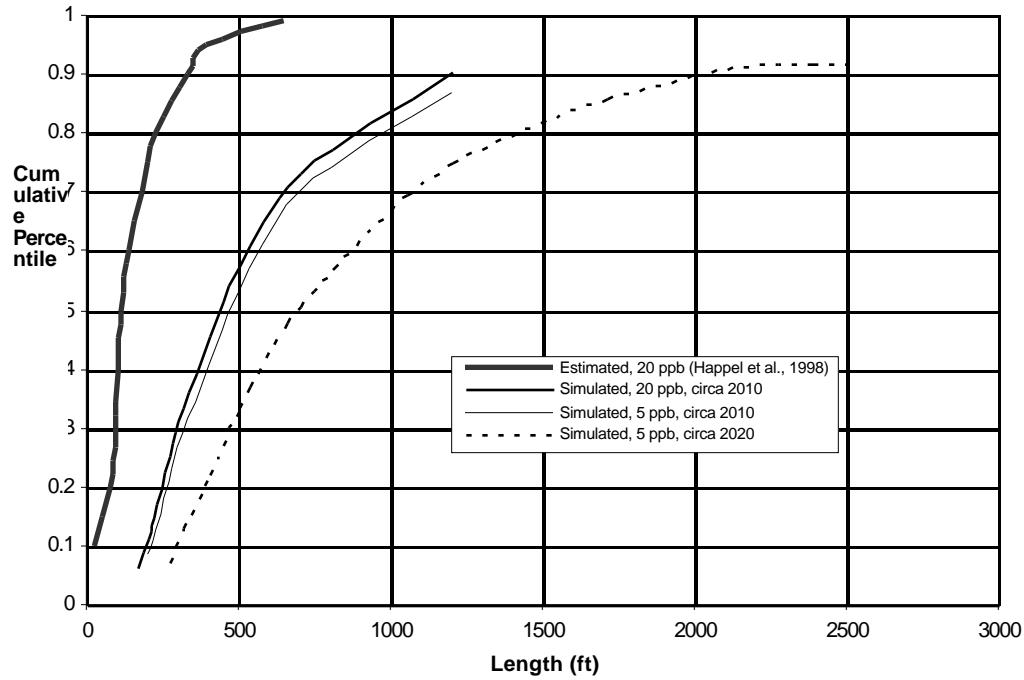


Figure 11. Simulated future MTBE plume lengths, circa 2010 and 2020.